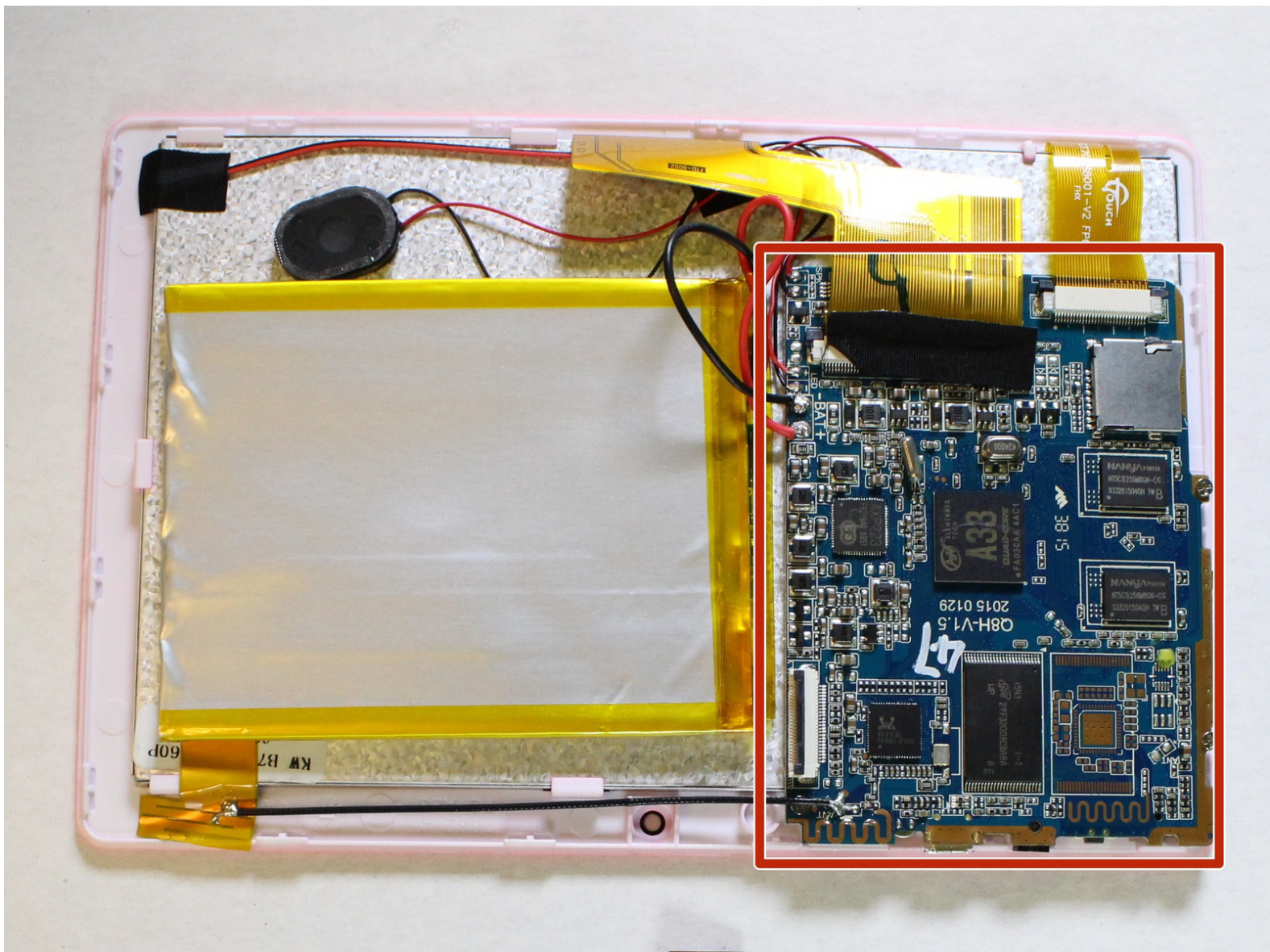




# Tagital T7X Motherboard Replacement

Disconnect and replace the motherboard in the Tagital T7X.

Written By: Nikki Falato



## INTRODUCTION

This guide shows the user how to remove the case, battery, speaker, and camera from the Tagital T7X and replace the motherboard. Some soldering is required.

---



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Solder](#) (1)
  - [Soldering Station](#) (1)
  - [Spudger](#) (1)
-

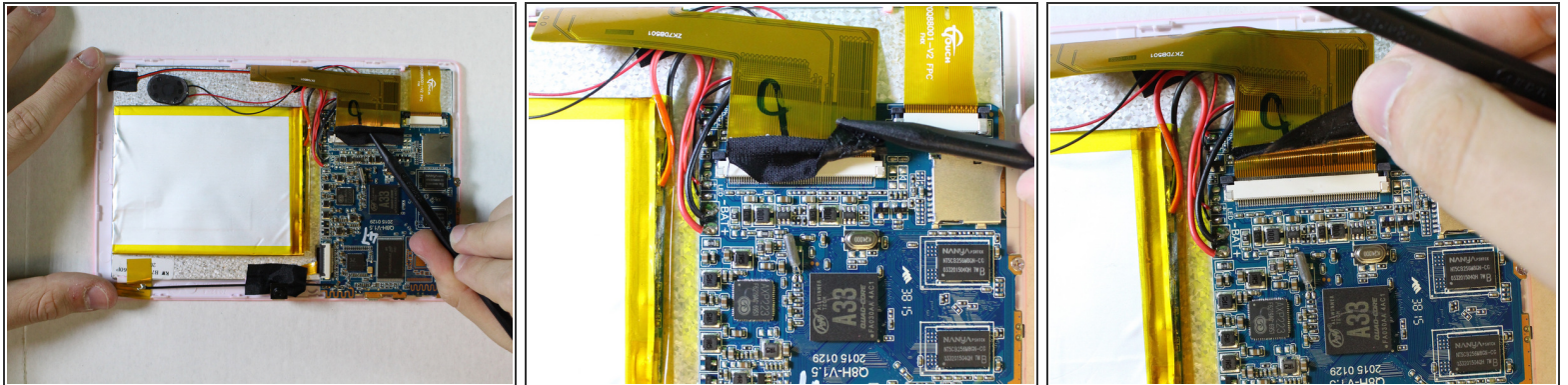


## Step 1 — Case



- Place the Tagital T7X on a sturdy surface.
- Insert the plastic opening tool into the crack and pry open the tablet. Move the tool along the edge, while continuing to pry up the casing.

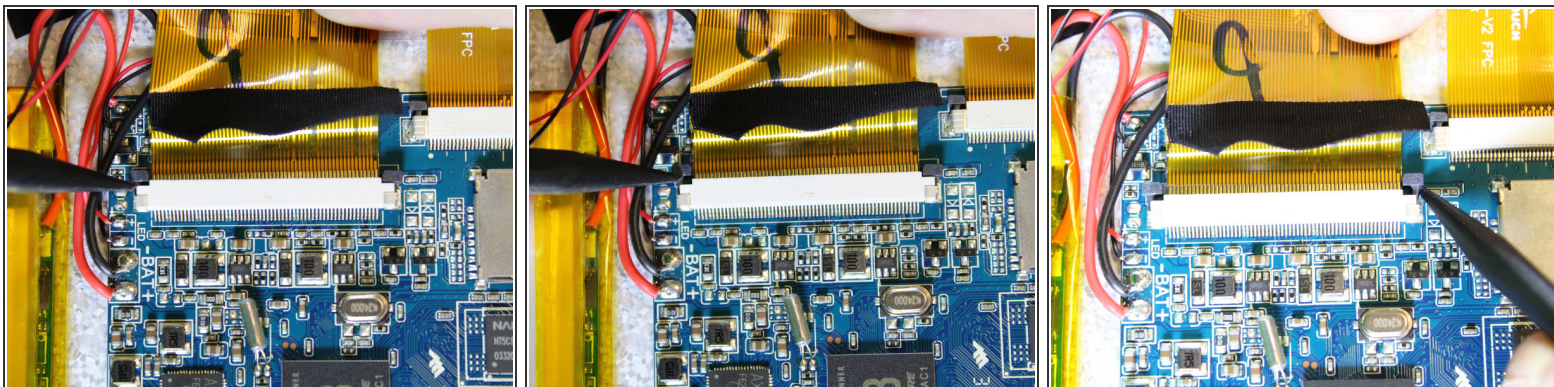
## Step 2 — Speaker



- Remove the ribbon cable on the top left corner of the mother board.
- Gently lift the black tape up to see the ribbon cable socket.

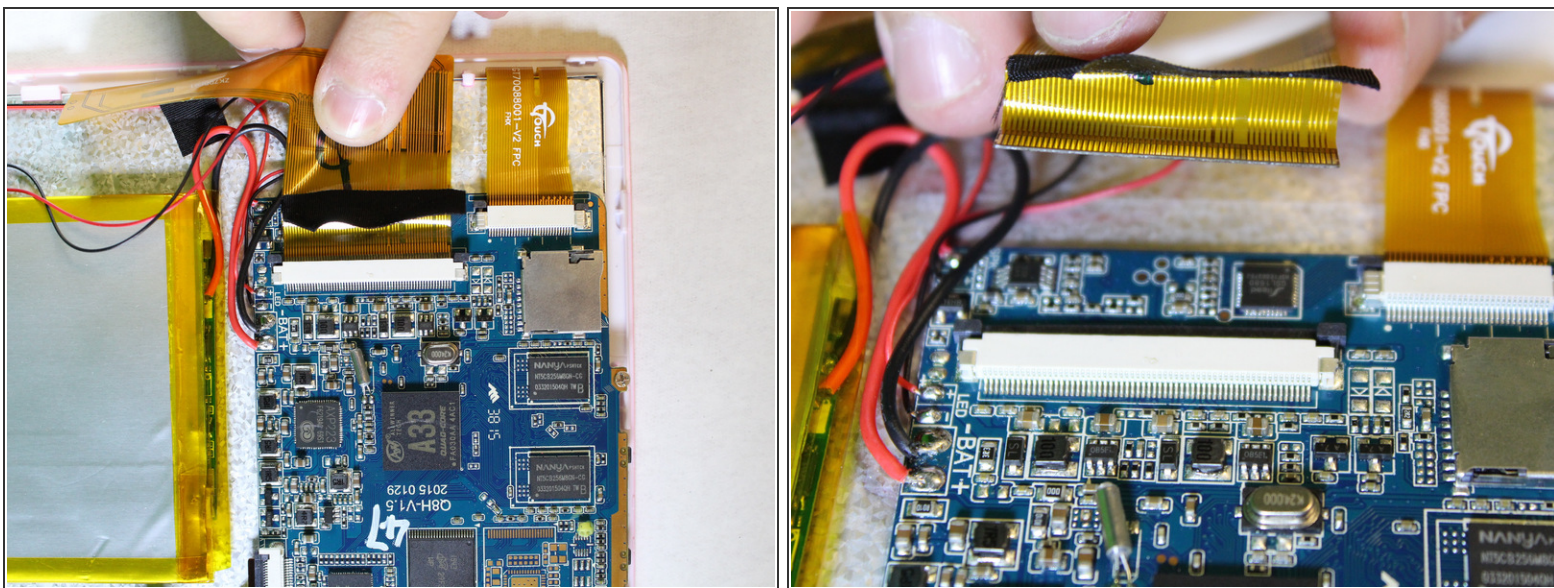


### Step 3




- Push both side buttons away from the socket by using a spudger.

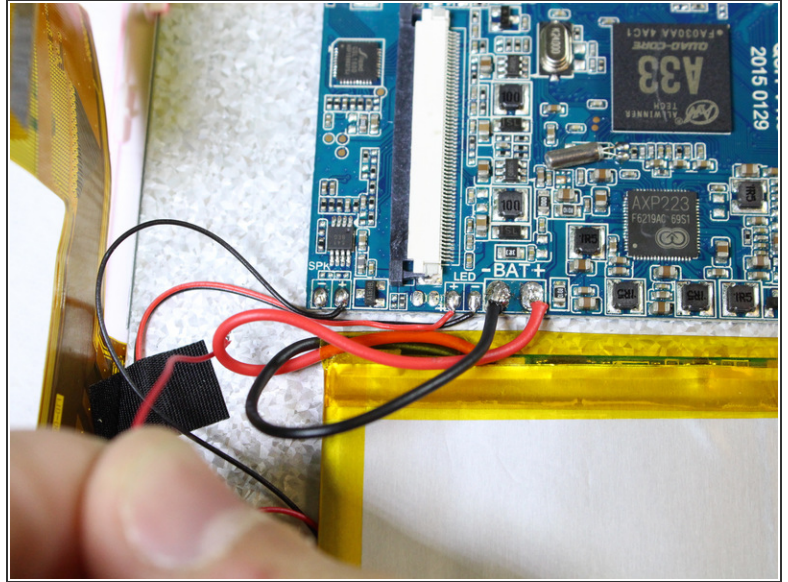
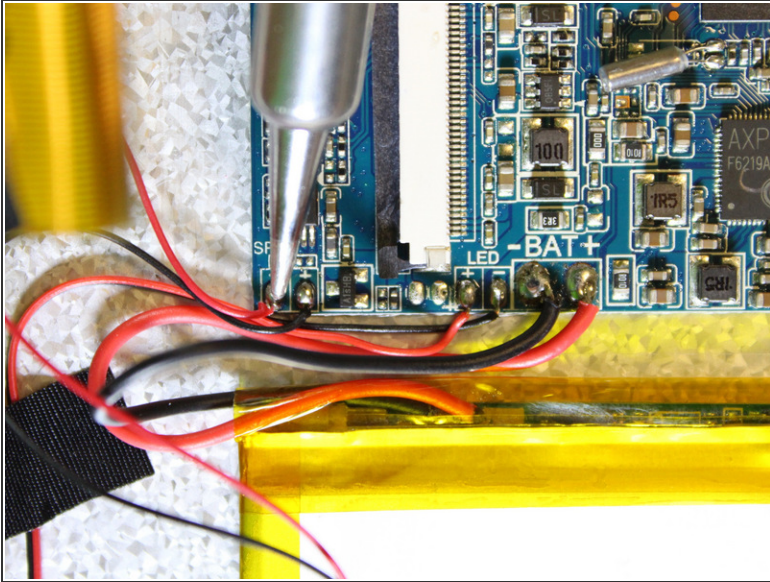
### Step 4





- Gently pull the ribbon cable away from the socket.

 Don't be afraid to use some force for this step.

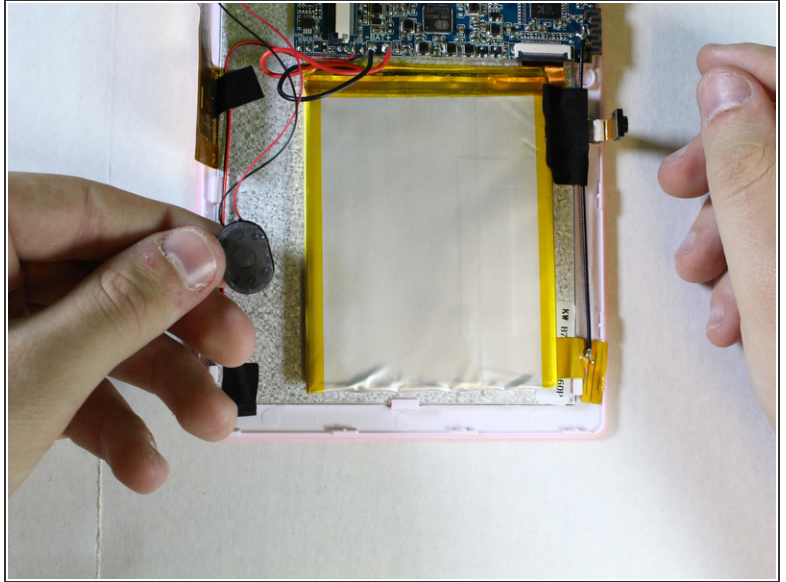
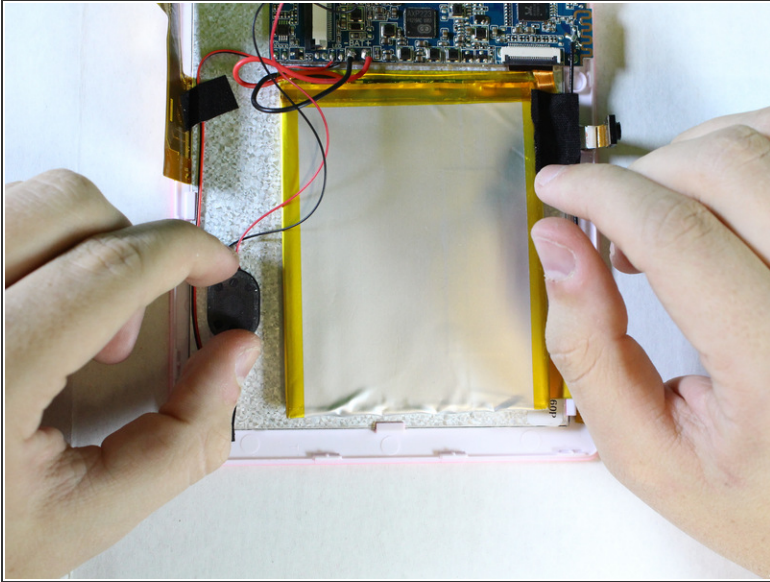
## Step 5



-  The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.
- Touch the tip of the soldering iron to the solder connecting the positive (red) wire.
  - Pull back on the wire with the iron in place, removing it from the hot solder.
  - Repeat this step for the negative wire.
-  The solder will be melted almost instantly. There is no need to hold the iron on the solder for than a second or two. Visit [iFixit's soldering guide](#) for more info.

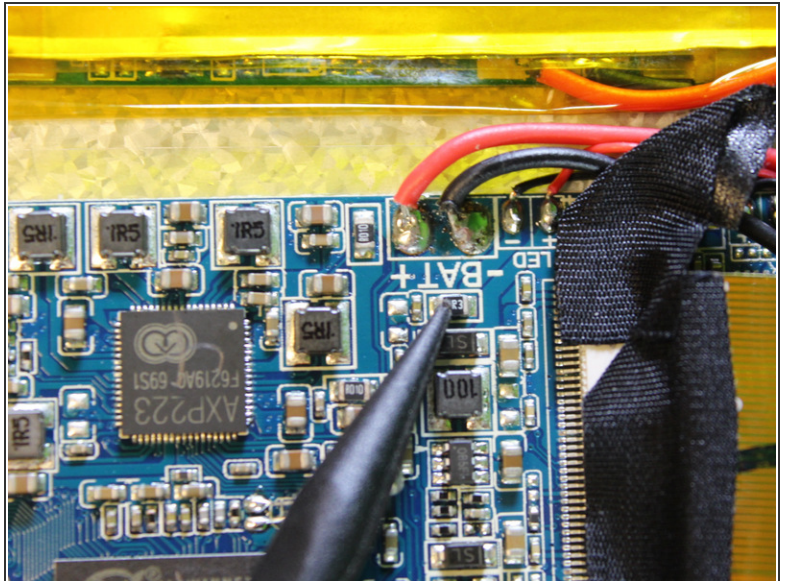
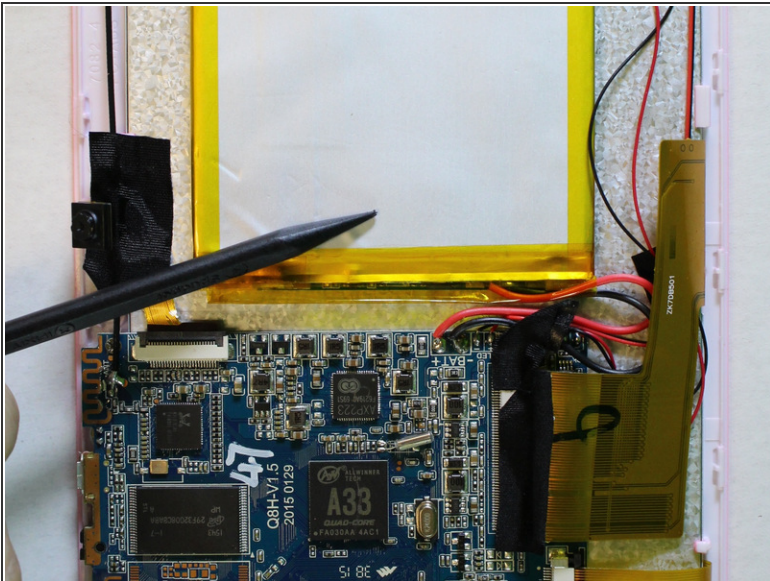


## Step 6



- Remove the speaker from the motherboard.

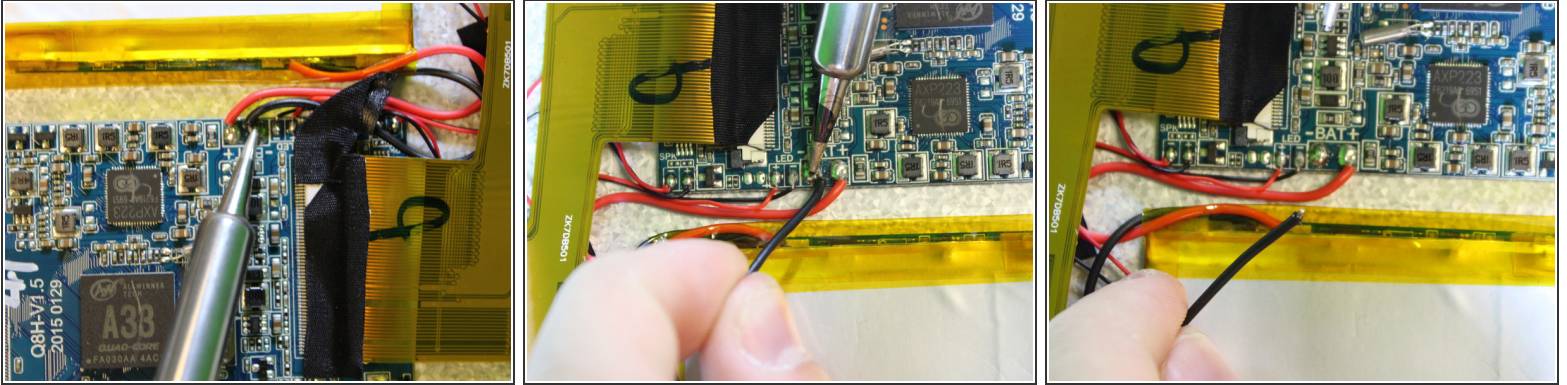
## Step 7 — Battery



- Follow the attached wires to the positive and negative connections.



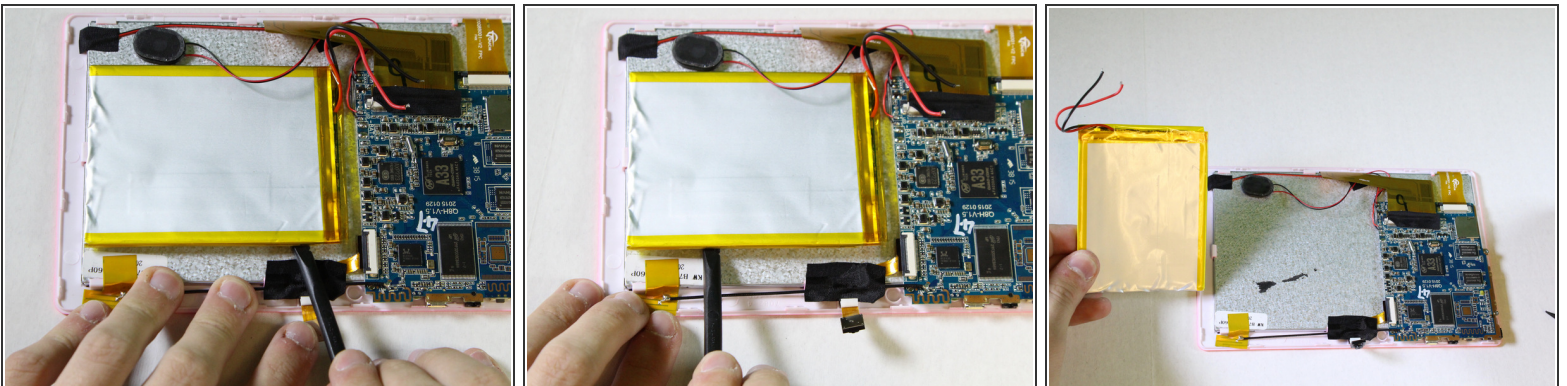
## Step 8



**!** The soldering iron can destroy components on the motherboard. Only touch the soldering iron to the solder already on the board.

- Touch the tip of the soldering iron to the solder connecting the negative wire.
- Pull back on the wire with the iron in place, removing it from the hot solder.
- i** The solder will be melted almost instantly. There is no need to hold the iron on the solder for more than a second or two. Visit [iFixit's soldering guide](https://www.ifixit.com/HowTo/General/How+to+Solder) for more info.
- Repeat this step for the positive wire.

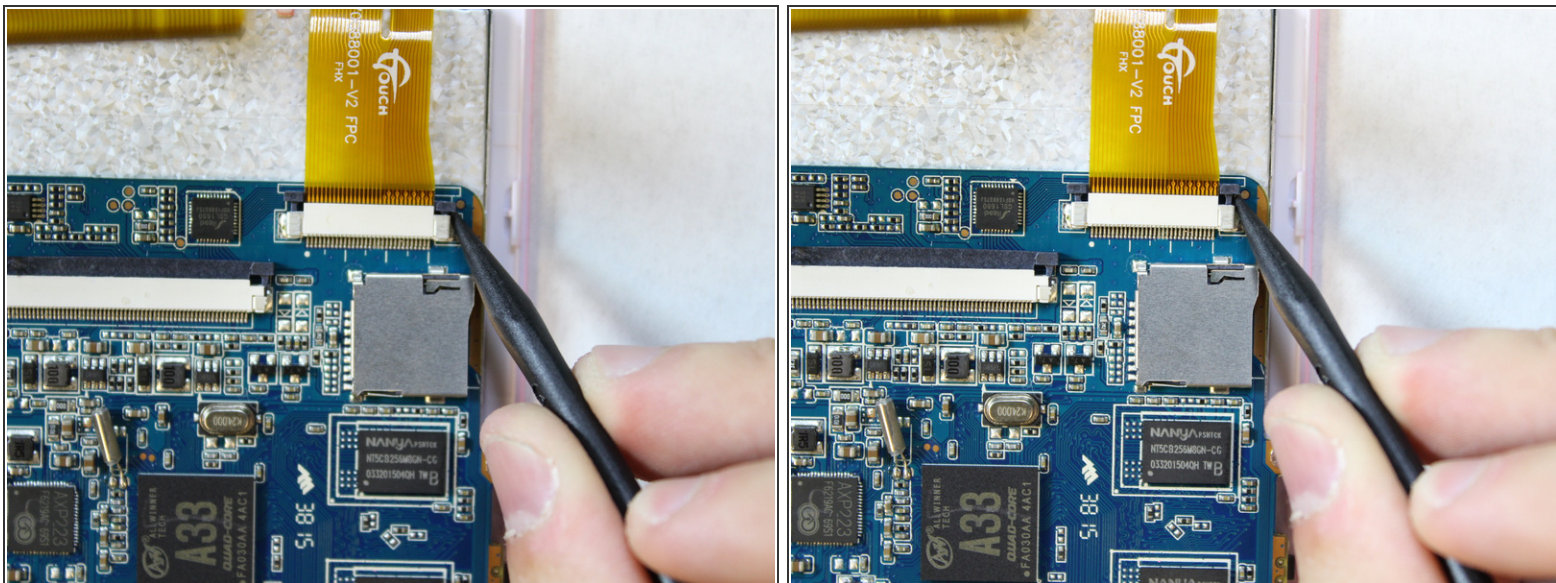
## Step 9



- Use the nylon spudger to pry the battery from the back of the screen. Work your way around the edges, similar to opening the casing.
- i** The adhesive used to hold the battery down is very strong. Don't be afraid to use some force.

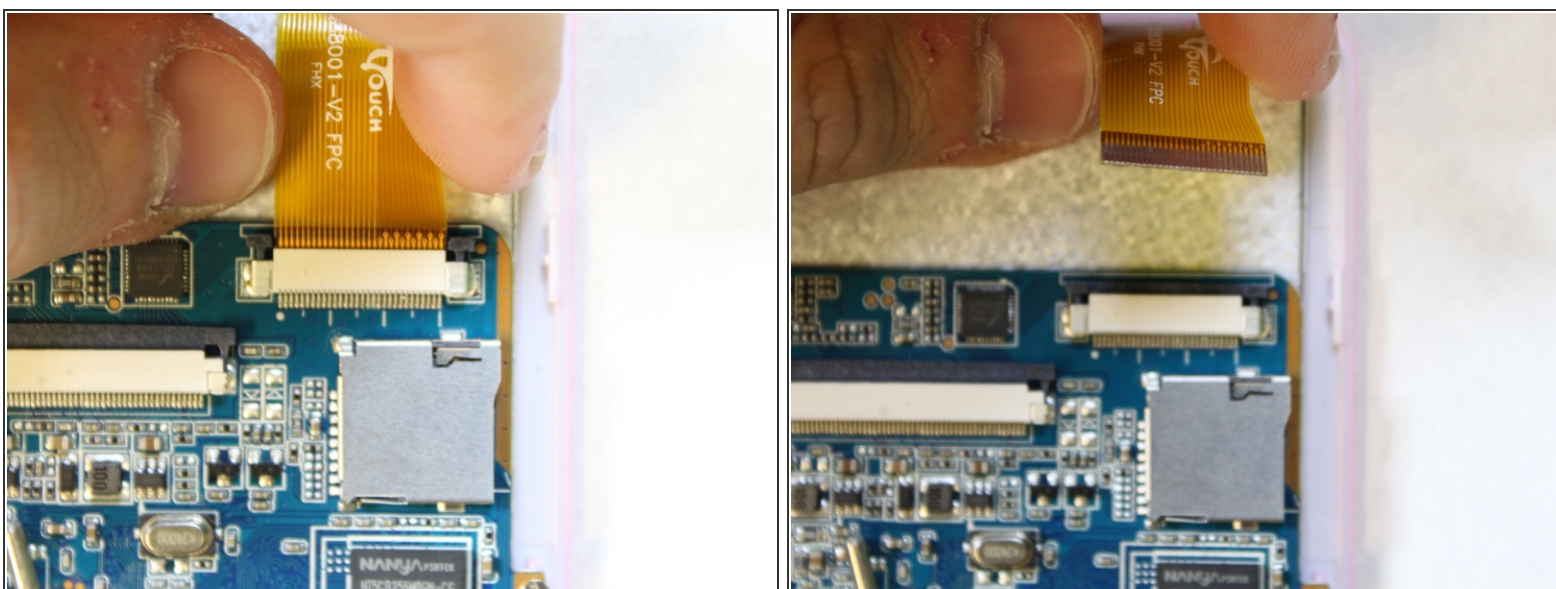


## Step 10 — Motherboard



- Next we will disconnect the digitizer ribbon cable from the motherboard.
- Using the black spudger, gently push the tabs on each side of the socket to free the ribbon cable.

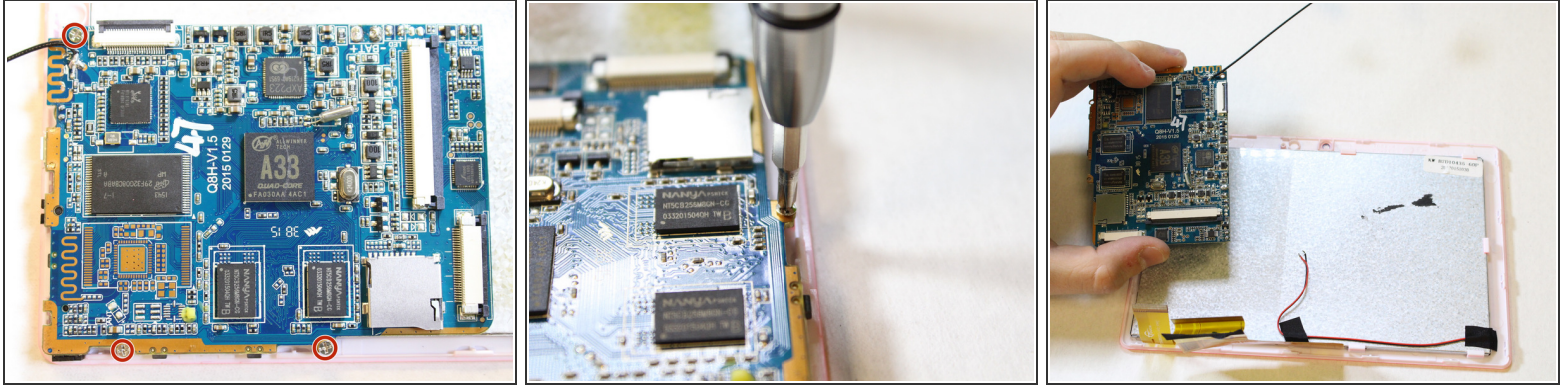
## Step 11



- Gently pull on the ribbon cable, separating it from the socket.



## Step 12



- Next, we will unscrew the three PH#0 screws anchoring the motherboard into the case.
- ⓘ You will need the Phillips Screw #0 to remove the screws of the motherboard.
- Using the screwdriver, with the PH#0 attachment, carefully unscrew the screws of the motherboard in order to remove it from the device.

To reassemble your device, follow these instruction in reverse order.

This document was last generated on 2017-06-23 01:43:08 AM.